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The Maine Bulletin

Entered at the Post Office at Orono as second class matter
Published monthly during the academic year

Vol. XX

University of Maine, Orono, Maine, February, 1917

No. 5

Twelfth Annual

Farmer's Week

Given by the

College of Agriculture

of the

University of Maine

March 4th to 9th, 1918

REDUCED RAILROAD RATES

Maine Central Railroad offers a rate of one and three-fifths fare for the round trip, to either Orono or Bangor and return. No rates named from Princeton Branch.

Bangor & Aroostook Railroad offers a rate of one and one-third fare for the round trip, from all stations to Old Town or Northern Maine Junction.

Tickets on both railroads will be on sale going March 4th to 9th inclusive and good returning until March 11th.

DIRECTIONS FOR REACHING THE UNIVERSITY

Electric cars leave the Union Station in Bangor, or from Old Town, every half hour and run directly through the University grounds. Fare from Bangor, 15c, from Old Town, 10c, from Orono, 5c.

ALPHABETICAL LIST OF SPEAKERS

FRANK S. ADAMS.....	Chief Bureau of Markets, Maine Department of Agriculture
STEPHEN J. ADAMS.....	Secretary and Treasurer New England Hereford Breeders' Association and Breeder of Pure Bred Herefords
DR. ROBERT J. ALEY.....	President, University of Maine
CHARLES H. BATCHELDER.....	Assistant Professor of Zoology
DOROTHEA BEACH.....	Assistant Professor of Home Economics
DR. W. G. BENNER.....	Inspector, Bureau Animal Industry, U. S. Department Agriculture
J. H. BODWELL.....	County Agent, Piscataquis County, Foxcroft
JOHN M. BRISCOE.....	Professor of Forestry
BLISS M. BROWN.....	Professor of Horticulture
JOHN S. CARVER.....	Extension Instructor in Poultry
W. H. CONANT.....	President Maine Fruit Growers Exchange and Orchardist, Buckfield
R. L. COPELAND.....	Seed Grower, Brewer
LAMERT S. CORBETT.....	Professor of Animal Industry
C. H. CRAWFORD.....	Farmer, Dexter
CLARENCE A. DAY.....	County Agent, Washington County, Machias
ARTHUR L. DEERING.....	County Agent, Kennebec County, Augusta
L. M. DORSEY.....	Instructor in Animal Husbandry, Dairy Division
F. H. DUDLEY.....	Horticulturist, Maine Department of Agriculture
CHARLES DUNN JR.....	Superintendent, State School for Boys, So. Portland
S. H. EATON.....	Assistant Horticulturist, Maine Department of Agriculture
FRANCES R. FREEMAN.....	Professor of Home Economics
CHESTER C. FOWLES.....	Farm Help Specialist for Maine, U. S. Department of Agriculture
C. H. GARDNER.....	President, Farmers Union of Maine, Skowhegan
O. B. GRIFFIN.....	Beekeeper, Caribou
E. F. HITCHINGS.....	Orchardist, Orono
A. E. HODGES.....	President, Maine Live Stock Breeders' Association, Fairfield Center
L. C. HOLSTON.....	Breeder of Pure Bred Cattle, Cornish
W. G. HUNTON.....	Industrial Agent, Maine Central Railroad, Portland
M. D. JONES.....	Farm Management Demonstrator

W. B. KENDALL.....	Breeder of Pure Bred Sheep, Bowdoinham
H. L. KEYSER.....	Orchardist, Greene
L. E. McINTIRE.....	Breeder of Pure Bred Cattle, East Waterford
A. L. MERRILL.....	President, Maine State Poultry Association and Poultryman, Auburn
DR. LEON S. MERRILL.....	Dean College of Agriculture, Director Agricultural Extension Service and Federal Food Administrator for Maine
RALPH P. MITCHELL.....	State Leader Boys' and Girls' Agricultural Clubs
PAUL W. MONOHON.....	Assistant County Agent Leader
DR. W. J. MORSE.....	Pathologist, Maine Agricultural Experiment Station
E. W. MORTON.....	Extension Instructor in Dairying
HAROLD H. NASH.....	Farmer, Camden
DR. J. A. NESS.....	Breeder of Pure Bred Cattle and Horses, Auburn
E. L. NEWDICK.....	Secretary Maine Seed Improvement Association and Chief Bureau of Seed Improvement, Maine Department of Agriculture
HAROLD S. OSLER.....	Associate Professor of Agronomy, Crop Division
CATHARINE N. PLATTS.....	Extension Instructor in Home Economics and Leader Emergency Home Demonstration Work
ALTON S. POPE.....	Farmer, Manchester
GUY C. PORTER.....	President, Maine Seed Improvement Association and Manager Aroostook Potato Growers' Association
ERNEST R. PRIEST.....	Farmer, North Vassalboro
C. O. PURINGTON.....	Lecturer, Maine State Grange, Bowdoinham
A. W. RICHARDSON.....	Professor of Poultry Husbandry, New Hampshire State College, Durham
JOHN A. ROBERTS.....	Commissioner of Agriculture, Maine Department of Agriculture
DR. F. L. RUSSELL.....	Professor of Bacteriology and Veterinary Science
DR. I. L. SALLEY.....	Veterinarian, Skowhegan
V. A. SANDERS.....	Field Agent, Bureau of Crop Estimates U. S. Department of Agriculture
HAROLD J. SHAW.....	County Agent, Sagadahoc and Androscoggin Counties, Auburn
GEORGE E. SIMMONS.....	Professor of Agronomy

DONALD F. SNOW.....	Chairman of the Sub-Committee on Food Production of the State Public Safety Committee, Bangor
A. M. G. SOULE.....	Chief Bureau of Inspection, Maine Depart- ment of Agriculture
H. P. SWEETSER.....	Executive Secretary, Federal Food Ad- ministrator for Maine
W. J. THOMPSON.....	Master Maine State Grange, South China
A. J. TORSLEFF.....	Secretary, Maine Anti-Tuberculosis As- sociation, Bangor
H. M. TUCKER.....	Chief, Bureau Animal Industry, Maine Department of Agriculture
F. P. WASHBURN.....	Farmer, Perry
CHARLES H. WHITE.....	Manager, State of Maine Agricultural and Industrial League, Portland
O. M. WILBUR.....	Instructor in Animal Industry, Poultry Division
DR. CHARLES D. WOODS.....	Director, Maine Agricultural Experiment Station
GEORGE N. WORDEN.....	County Agent, Hancock County, Ellsworth
GEORGE A. YEATON.....	County Agent, Oxford County, Norway

COOPERATING AGENCIES

The Farmers' Union of Maine
 Maine Pomological Society
 Maine Seed Improvement Association
 Maine Live Stock Breeders' Association
 Maine Dairymen's Association
 Maine Poultry Association
 Maine Federation of Agricultural Associations
 Maine School Course Alumni Association
 Maine Association of Agricultural Students

"Food Conservation Day"

Wednesday, March 6th

See Home Economics Program Page 10

**Miss Stewart, State Library Organizer will exhibit several
traveling libraries during Farmer's Week. Room 17.**

Program

All lectures and demonstrations unless otherwise specified will be held in Winslow Hall.

Agricultural Section

Monday, March 4th

7.30 P. M.	(Chapel)	Address	PRESIDENT ALEY
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Tuesday, March 5th

8.00 A. M.	(Room 38)	Pedigreed Nursery Stock	MR. DUDLEY
	(Room 28)	Feeding the Fields	PROF. SIMMONS
8.55 A. M.	(Room 38)	The Possibilities of Small Fruit Growing	PROF. BROWN
	(Room 28)	The Honey Bee—Life History and Enemies	MR. GRIFFIN
9.50 A. M.	(Room 38)	Propagation of Fruit Trees	MR. HITCHINGS
	(Room 28)	Requirements of a Profitable Cropping System	MR. DAY
	(Room 11)	The Poultry Keeper's Problems under Present Conditions	MR. A. L. MERRILL
10.25 A. M.	(Room 38)	Renovating the Orchard	MR. SWEETSER
10.45 A. M.	(Room 38)	How to House the Hog in Maine	PROF. CORBETT
	(Room 28)	The Clover Crop on Maine Farms	PROF. OSLER
11.00 A. M.	(Room 38)	Fertilization of the Orchard	MR. YEATON
11.40 A. M.	(Room 33)	Fuel Situation	DR. WOODS
1.30 P. M.	(Room 38)	The Place of the Apple in Food Conservation	PROF. FREEMAN
	(Room 28)	Better Seed, How, Why	PROF. OSLER
	(Poultry Building)	Demonstration: How to select Breeders	MR. CARVER
2.00 P. M.	(Room 38)	Apple Packing and Inspection	MR. EATON
2.25 P. M.	(Dairy Building)	Demonstration: Making Butter	MR. DORSEY
	(Room 11)	The Farmer's Medicine Chest	DR. RUSSELL

2.25 P. M.	(Room 28)	Conference on Seed Improvement and Seed Certification	
to			
5.00 P. M.		Guy C. Porter, President of Maine Seed Improvement Association, Presiding	
		What Crops Should we urge Farmers to Grow Under Present Conditions	
			MR. HUNTON
		Summary of Fertilizer Situation	
			MR. SOULE
		Growing High Grade Seed Oats	
			MR. COPELAND
		Using Nitrate of Soda to the Best Advantage	
			PROF. SIMMONS
		Present Seed Situation	MR. JONES
		Difficulties Presented in Growing Certified Seed	MR. NEWDICK
2.30 P. M.	(Room 38)	Cold Storage of Apples	MR. KEYSER
3.00 P. M.	(Room 38)	Marketing of Apples	MR. CONANT
		Discussion	
7.30 P. M.	(Chapel)	Special Meeting of Agricultural Club	
		This is a get together meeting conducted by the students in the College of Agriculture	

Wednesday, March 6th

8.00 A. M.	(Room 28)	Spraying Potatoes for Profit	
			PROF. OSLER
	(Room 11)	Poultry Diseases	DR. RUSSELL
8.55 A. M.	(Room 11)	Is there Profit in Keeping Poultry	
			PROF. RICHARDSON
	(Room 38)	Conditions which are Essential to Successful Bee Keeping	MR. GRIFFIN
	(Room 22)	Soil Water Control	PROF. SIMMONS
9.50 A. M.	(Room 11)	Management of the Boar and the Brood Sow	PROF. CORBETT
	(Room 38)	Practical Sheep Raising by the Average Farmer	MR. CRAWFORD
	(Room 22)	Farming in Relation to the War	
			MR. THOMPSON
10.45 A. M.	(Room 11)	Modern Hen House	PROF. RICHARDSON
	(Room 22)	How can we use the U. S. D. A. Crop Reports to Advantage	MR. SANDERS
	(Room 38)	The Spraying Program for 1918	
			PROF. BROWN
11.40 A. M.	(Room 33)	Food Conservation	PROF. FREEMAN
1.30 P. M.	(Room 38)	Milk and the Baby	MR. TORSLEFF

- 1.30 P. M. (Room 22) Round Table—Maine's Market Problems: Mr. F. S. Adams Bureau of Markets, Chairman
to
3.20 P. M. Organizing the Community for Selling Farm Produce MR. WHITE
Farmers' Union of Maine MR. GARDNER
New England Milk Producers' Association MR. MCINTIRE
Maine Fruit Growers' Exchange
MR. CONANT
- 2.25 P. M. (Dairy Building) Farm Separator Demonstration
MR. DORSEY
- 3.20 P. M. (Room 38) Annual Meeting of Maine Federation of Agricultural Associations
to
- 5.00 P. M.
- 3.20 P. M. (Poultry Building) Demonstration: Killing Poultry Lice MR. WILBUR
- 7.30 P. M. (Chapel) "Victory Meeting:" C. O. Purington, Lecturer, Maine State Grange, Presiding
Work of State Committee on Food Production MR. SNOW
Work of Food Administration
DEAN MERRILL
Music will be furnished by University Orchestra

Thursday, March 7th

- 8.00 A. M. (Room 28) How to Recognize Potato Diseases
DR. MORSE
- (Room 11) Home Grown Dairy Feeds MR. MORTON
- 8.55 A. M. (Room 38) a. Value of Bees in the Orchard
b. Bees and Food Conservation
MR. GRIFFIN
- (Room 11) Contagious Abortion DR. SALLEY
- (Room 28) The Farm Labor Problem and What is Being Done to Help Solve it
MR. FOWLES
- 9.50 A. M. (Room 11) The Eradication of Tuberculosis
DR. BENNER
- (Room 22) Improvement Cuttings in Woodlots
PROF. BRISCOE
- (Room 28) Increasing the Production of Small Grains
PROF. OSLER
- 10.45 A. M. (Room 11) Conditioning the Farm Horse DR. NESS
- (Room 28) Relation of Soil Conditions to Crop Growth
PROF. SIMMONS

		(Room 38)	Farm Practices Changed by Three Years of War	MR. MCINTIRE
11.40	A. M.	(Room 33)	Farm Bureau	MR. MONOHON
1.30	P. M.	(Pavilion)	Judging Cattle	MR. TUCKER
		(Room 11)	Figuring Rations	MR. SHAW
		(Room 38)	Child Hygiene	MR. TORSLEFF
2.25	P. M.	(Room 28)	Breeds of Beef Cattle in Maine and the Part they can Play in Winning the War	MR. S. J. ADAMS
		(Room 11)	Demonstration: Mixing Feeds	MR. SHAW
		(Poultry Building)	Demonstration: Preparing Poul- try for Market	MR. CARVER
3.20	P. M.	(Room 28)	Livestock Conference	MR. ROBERTS—Chairman
to				
5.00	P. M.		Livestock Situation Abroad	DEAN MERRILL
			Livestock Problems for Maine	
			MR. HODGES	
			MR. HOLSTON	
			MR. DUNN JR.	
			MR. KENDALL	
			DR. NESS	
7.30	P. M.	(Room 28)	Round Table Discussion "Home Grown Dairy Feeds"	MR. TUCKER—Chairman
				MR. POPE
				MR. NASH
				MR. WASHBURN
				MR. PRIEST

Friday, March 8th

8.00	A. M.	(Room 28)	Fertilizer Situation; Especially Potash Supply	DR. WOODS
		(Room 38)	Insects Affecting Beans	MR. BATCHELDER
8.55	A. M.	(Room 38)	The Home Garden	PROF. BROWN
		(Room 28)	Lime, Needs and Methods	MR. WORDEN
		(Room 11)	Raising Chickens in 1918	MR. WILBUR
9.50	A. M.	(Room 11)	Economical Milk Production	MR. DEERING
		(Room 22)	Forest Planting	PROF. BRISCOE
		(Room 28)	How Shall we use the Farm to Help Win the War	PROF. SIMMONS

10.45	A. M.	(Room 38)	Winter Eggs	MR. WILBUR
		(Room 11)	Gains made by Swine on Self-Feeder	MR. BODWELL
		(Room 28)	The Three Essentials of a Profitable Farm	MR. JONES
11.40	A. M.	(Room 33)	Boys' and Girls' Clubs	MR. MITCHELL
1.30	P. M.	(Room 38)	Perfectly Ventilated Public School	MR. TORSLEFF
		(Room 11)	Variation in Cream Tests	MR. DORSEY
		(Pavilion)	Demonstration: Building Self-Feeder	MR. BODWELL
		(Room 28)	Annual Meeting of School Course Alumni Association (See special program)	
2.25	P. M.	(Pavilion)	Demonstration: Judging Swine	PROF. CORBETT
		(Dairy Building)	Demonstration: Testing Milk and Cream	MR. DORSEY
3.20	P. M.	(Room 11)	Annual Meeting of Maine Association of Agricultural Students (See special program)	
8.00	P. M.		Hoover Banquet (Reservation of tickets should be made in person or by writing Ferdinand J. Penley, Chairman Banquet Committee or H. P. Sweetser, Secretary Maine Federation of Agricultural Students, Orono)	

“Victory Meeting”

IN THE CHAPEL

Wednesday Evening, March 6, at 7.30

Program on page 7 and page 10

Home Economics Section

This year the work of the Home Economics Department has been concentrated into one day. The lectures and demonstrations will deal particularly with the conservation of wheat, meats, and fats. Women are urged to make special efforts to be present.

Wednesday, March 6th

"FOOD CONSERVATION DAY"

9.00	A. M.	(Room 28)	Meats, Meat Alternatives and Extension of Meat Flavors	PROF. BEACH
to				
10.00	A. M.	(Room 28)	Emergency Home Demonstration Work	MISS PLATTS
to				
10.30	A. M.			
10.30	A. M.	(Room 28)	Utilization and Conservation of Fats	PROF. FREEMAN
to				
11.30	A. M.			
11.40	A. M.	(Room 33)	Food Conservation	PROF. FREEMAN
1.30	P. M.	(Room 28)	An Adequate Diet	PROF. FREEMAN and PROF. BEACH
to				
3.00	P. M.			
3.00	P. M.	(Room 28)	Wheat Conservation	PROF. FREEMAN and PROF. BEACH
to				
4.30	P. M.			
7.30	P. M.	(Chapel)	"Victory Meeting:" C. O. Purington, Lecturer, Maine State Grange, Presiding	
			Work of State Committee on Food Production	MR. SNOW
			Work of Food Administration	DEAN MERRILL
			Music will be furnished by University Orchestra	

Special Programs

MAINE POMOLOGICAL SOCIETY

Tuesday, March 5th—Winslow Hall—Room 38

		President Chas. C. Clements, Presiding	
8.00	A. M.	Pedigreed Nursery Stock	MR. DUDLEY

8.55	A. M.	The Possibilities of Small Fruit Growing	PROF. BROWN
9.50	A. M.	Propagation of Fruit Trees	MR. HITCHINGS
10.25	A. M.	Renovating the Orchard	MR. SWEETSER
11.00	A. M.	Fertilization of the Orchard	MR. YEATON
1.30	P. M.	(Room 33) The Place of the Apple in Food Conservation	PROF. FREEMAN PROF. FREEMAN
2.00	P. M.	Apple Packing and Inspection	MR. EATON
2.30	P. M.	Cold Storage of Apples	MR. KEYSER
3.00	P. M.	Marketing of Apples	MR. CONANT
		General Discussion	

MAINE SEED IMPROVEMENT ASSOCIATION

Tuesday, March 5th—Winslow Hall—Room 28

		President Guy C. Porter, Presiding	
2.25	P. M.	What Crops Should We Urge Farmers to Grow to	
		Under Present Conditions	
5.00	P. M.		MR. HUNTON
		Summary of Fertilizer Situation	MR. SOULE
		Growing High Grade Seed Oats	MR. COPELAND
		Using Nitrate of Soda to the Best Advantage	PROF. SIMMONS
		Present Seed Situation	MR. JONES
		Difficulties Presented in Growing Certified Seed	MR. NEWDICK

MAINE FEDERATION OF AGRICULTURAL ASSOCIATIONS

Wednesday, March 7th—3.20 P. M.

(See special program)

MAINE SCHOOL COURSE ALUMNI ASSOCIATION

Friday, March 8th—1.30 P. M.

(See special program)

MAINE ASSOCIATION OF AGRICULTURAL STUDENTS

Friday, March 8th—3.20 P. M.

(See special program)



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INFORMATION

The Course: Farmers' Week is a short course of practical instruction in Agriculture, Home Economics and Forestry. The program this year has been arranged with special reference to the problems of the farm during the present emergency. Your attention is particularly directed to the lectures on Wednesday evening, March 6th, by Donald F. Snow, of Bangor, Chairman State Committee on Food Production, and by Dean Leon S. Merrill, Federal Food Administrator for Maine. The Home Economics Program has been concentrated into "Food Conservation Day," Wednesday, March 6th.

The laboratories of the College of Agriculture are open for the inspection and use of those in attendance. All members of the teaching staff and resident members of the Extension Department give practically their entire time during the week to this course. In addition, the Farmers' Week Faculty includes experts from outside the college and successful farmers.

PROGRAM: The program will consist of lectures, conferences, discussions, demonstrations, and exhibits.

LECTURES: The list of lecturers and demonstrators includes teachers, in the various departments of the University, members of the Experiment Station staff, representatives of the Federal and State Departments of Agriculture, the Maine State Grange, associations, and successful farmers.

BUREAU OF INFORMATION: A Bureau of Information will be maintained at Winslow Hall for the purpose of giving assistance and general information to visitors.

REGISTRATION: All persons on arrival are requested to register at the Information Bureau, Winslow Hall.

EXPENSES: The lectures and demonstrations are free to all. No fees of any kind are charged. You are invited to attend.

ROOM AND BOARD:

Men's Dormitory: Approximately 20 men and boys can be accommodated in the dormitories.

RATES: \$1.00 a day, or Breakfast, 25c; Dinner, 35c; Supper, 25c; Lodging, 25c.

If accommodations are desired on the campus, reservations should be made in advance.

Hotels:

Old Town, Hotel Fransway.

Bangor, Penobscot Exchange, Bangor House, Windsor.

CAR FARE:

From Old Town to the University Campus, 10 cents.

From Bangor to the University Campus, 15 cents.

MAIL: Mail can be sent in care of University of Maine (Winslow Hall) Orono, Maine.

Those desiring further information or wishing to engage room and board, should write

LEON S. MERRILL,

Dean, College of Agriculture,

Orono, Maine